

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1	("4929819").PN.	USPAT; USOCR	OR	OFF	2006/04/04 14:43
L4	65	("3836755"   "3949194"   "4071740"   "4237483"   "4369361"   "4373133"   "4676343"   "4838383").PN. OR ("4929819").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/04 15:12
L5	4	4 (scanner or sensor or detector) near20 (user or shopper or customer or client person or patron) near20 (associat\$4 or dissociat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/04 15:12
L6	44	4 (scanner or sensor or detector) near20 (user or shopper or customer or client person or patron)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/04 15:12
L7	20	6 ((customer or user or person or shopper or client) near2 (ID or identifier or identification or identity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/04 15:13
L8	2	"20040026502".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/04 16:17
S1	26	("4864618" "5051736" "5477012" "5652412" "5661506" "5692073" "5852434" "5917174" "6076734" "6199048" "6199753" "6497367" "6542927").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 15:54
S2	3	S1 ((customer or user or client) near2 (ID or identifier or identification or identity)) code	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:17

## EAST Search History

S3	147	("3894756"   "4131367"   "4325083"   "4345011"   "4414635"   "4547074"   "4679068"   "4751571"   "4855725"   "4917500"   "4965449"   "4990092"   "5047614"   "5059126"   "5202828"   "5229841"   "5303388"   "5337358"   "5339095"   "5341293"   "5385803"   "5413486"   "5437552"   "5452414"   "5459489"   "5461711"   "5466158"   "5484292"   "5486686"   "5525798"   "5537336"   "5545883"   "5569549"   "5572643"   "5586216"   "5587784"   "5592561"   "5597307"   "5624265"   "5631686"   "5640193"   "5650608"   "5660115"   "5693693"   "5694102"   "5804803"   "5841978"   "5848413"   "5862321"   "5862429"   "5869819"   "5886337"   "5903729").PN. OR ("6076734"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/30 16:13
S4	5	S1 ((card or tag or fob) near2 (ID or identifier or identification or identity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:17
S5	3	S4 not S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:15
S6	84	S3 ((card or tag or fob) near2 (ID or identifier or identification or identity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:30
S7	72	S6 ((customer or user or client) near2 (ID or identifier or identification or identity)) code	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:19

## EAST Search History

S8	72	S7 (position\$4 or locat\$4 or orientation or direction) near50 (code or data or info or information or id or identifier or identification or identity) (visible or invisible or hidden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:22
S9	72	S7 (position\$4 or locat\$4 or orientation or direction) near10 (code or data or info or information or id or identifier or identification or identity) (visible or invisible or hidden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:22
S10	72	S7 (position\$4 or locat\$4 or orientation or direction) near2 (code or data or info or information or id or identifier or identification or identity) (visible or invisible or hidden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:22
S11	72	S7 (position\$4 or locat\$4 or orientation) near2 (code or data or info or information or id or identifier or identification or identity) (visible or invisible or hidden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:23
S12	72	S7 (position\$4 or locat\$4 or orientation) near2 (code or data or id or identifier or identification or identity) (visible or invisible or hidden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:23
S13	72	S7 (position\$4 or locat\$4 or orientation) near2 (code or data or id or identifier or identification or identity) visible (invisible or hidden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:25
S14	6	S7 (position\$4 or locat\$4 or orientation) near2 (code or data or id or identifier or identification or identity) (visible near2 (code or data or id or identifier or identification or identity)) ((invisible or hidden) near2 (code or data or id or identifier or identification or identity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:26
S15	42	S7 (position\$4 or locat\$4 or orientation) near2 (code or data or id or identifier or identification or identity) ((invisible or hidden) near2 (code or data or id or identifier or identification or identity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:26

## EAST Search History

S16	1	S3 ((card or tag or fob) near2 (ID or identifier or identification or identity) near2 (customer or user or client or person))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:34
S17	74	S3 ((card or tag or fob) near20 (ID or identifier or identification or identity) near20 (customer or user or client or person))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:33
S18	74	S3 ((card or tag or fob) near10 (ID or identifier or identification or identity) near10 (customer or user or client or person))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 21:57
S19	70	S3 ((card or tag or fob) near4 (ID or identifier or identification or identity) near4 (customer or user or client or person))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:34
S20	1	S3 ((card or tag or fob) near2 (ID or identifier or identification or identity) near2 (customer or user or client or person))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:34
S21	69	S3 ((card or tag or fob) near3 (ID or identifier or identification or identity) near3 (customer or user or client or person))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 16:34
S22	4	S3 ((card or tag or fob) near3 (ID or identifier or identification or identity) near2 (customer or user or client or person))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:26
S23	85	("4663622"   "4995081"   "5097504"   "5131038"   "5135569"   "5136647"   "5142578"   "5157726"   "5159635"   "5163091"   "5180906"   "5189700"   "5191613").PN. OR ("5337358").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/30 21:57

## EAST Search History

S24	13	S23 ((card or tag or fob) near3 (ID or identifier or identification or identity) near2 (customer or user or client or person))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 21:58
S25	16	S23 ((card or tag or fob) near3 (ID or identifier or identification or identity) near3 (customer or user or client or person))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 21:59
S26	15	S25 (computer or microprocessor or (micro adj processor) or CPU or PC or controller or IC or (integrated adj chip))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:01
S27	16	S25 (computer or microprocessor or (micro adj processor) or CPU or PC or controller or processor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:01
S28	16	S25 (computer or microprocessor or processor or CPU or PC or controller or IC or (integrated adj chip))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:06
S29	0	("7979081").PN.	USPAT; USOCR	OR	OFF	2006/03/30 22:03
S30	0	(07/979081).CCLS.	USPAT; USOCR	OR	OFF	2006/03/30 22:03
S31	0	07/979081.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:04
S32	16	S25 (computer or microprocessor or processor or CPU or PC or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:07

## EAST Search History

S33	9	S25 (computer or microprocessor or processor or CPU or PC or controller) (position\$4 or locat\$4 or orientation) near2 (code or data or info or information or id or identifier or identification or identity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:26
S34	2195	((card or tag or fob) near3 (ID or identifier or identification or identity) near2 (customer or user or client or person)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:29
S35	119	S34 (computer or microprocessor or processor or CPU or PC or controller) (position\$4 or locat\$4 or orientation) near2 (code or data or info or information or id or identifier or identification or identity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:29
S36	3	S34 (computer or microprocessor or processor or CPU or PC or controller) (position\$4 or locat\$4 or orientation) near5 surface near5 (code or data or info or information or id or identifier or identification or identity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:28
S37	1909	(card near3 (ID or identifier or identification or identity) near2 (customer or user or client or person)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:29
S38	90	S37 (computer or microprocessor or processor or CPU or PC or controller) (position\$4 or locat\$4 or orientation) near2 (code or data or info or information or id or identifier or identification or identity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:30
S39	62	S37 (computer or microprocessor or processor or CPU or PC or controller) (position\$4 or locat\$4 or orientation) near2 (code or data or image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:30
S40	71	S37 (computer or microprocessor or processor or CPU or PC or controller) (position\$4 or locat\$4 or plac\$6 or orientation) near2 (code or data or image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:33

## EAST Search History

S41	4	S37 (computer or microprocessor or processor or CPU or PC or controller) (position\$4 or locat\$4 or plac\$6 or orientation) near10 (code or data or image or sensor or detector or scanner or reader) near10 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:45
S42	93	S37 (computer or microprocessor or processor or CPU or PC or controller) (position\$4 or locat\$4 or plac\$6 or orientation) near2 (code or data or image or sensor or detector or scanner or reader)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:47
S43	47	S37 (computer or microprocessor or processor or CPU or PC or controller) (position\$4 or locat\$4 or plac\$6 or orientation) near (code or data or image or sensor or detector or scanner or reader)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:46
S44	33	S37 ((computer or microprocessor or processor or CPU or PC or controller) (position\$3 or locat\$3 or plac\$3 or placement or orientation) near2 (code or data or image or sensor or detector or scanner or reader) (plurality or many or several or multiple or (more adj than adj one) or second) near10 (code or data or image) near10 card)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/30 22:51
S45	1	(US-5337358-\$).did.	USPAT	AND	ON	2006/04/02 22:16
S46	1	S45 print\$4	USPAT	AND	ON	2006/04/02 22:24
S47	1	(US-6975299-\$).did.	USPAT	AND	ON	2006/04/02 22:46
S48	5	(US-6076734-\$ or US-6975299-\$ or US-6914593-\$ or US-5337358-\$ or US-6382506-\$).did.	USPAT	AND	ON	2006/04/02 22:46
S49	2	S48 reed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 22:51
S50	0	(card near3 (ID or identifier or identification or identity) near2 (customer or user or client or person)).ab. (computer near50 interface) ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 22:52

## EAST Search History

S51	8	(card near3 (ID or identifier or identification or identity)).ab. (computer near50 interface) ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 22:54
S52	2	S49 ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:18
S53	15	(card near3 (ID or identifier or identification or identity)).ab. ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 22:57
S54	17	card.ab. redundant\$3 near50 cod\$4 near50 ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:00
S55	17	card.ab. redundant\$3 near50 ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:01
S56	17	card.ab. redundant\$3 near100 ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:01
S57	37	card.ab. (redundant\$3 or repetitive or duplicate) near100 ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:02
S58	36	card.ab. (redundant\$3 or repetitive or duplicate) near10 ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:01



## EAST Search History

S59	35	card.ab. (redundant\$3 or repetitive or duplicate) near5 ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:01
S60	20	card.ab. (redundant\$3 or repetitive or duplicate) near ("Reed-Solomon" or (Reed adj Solomon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:02
S61	20	S60 not S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:02
S62	2857	Silverbrook.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:03
S63	15	S57 not S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:03
S64	3942	Silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:03
S65	3	S57 not (S62 or S64)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:03
S66	0	S49 (invisible near5 (cod\$4 or data))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:43

## EAST Search History

S67	1	S48 (invisible near5 (cod\$4 or data))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:25
S68	3	S48 (invisible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:34
S69	3	S48 (infrared)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:35
S70	3	S48 (infrared near2 (ink or color))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:43
S71	0	S48 (visible near2 (marking or marker or mark))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:43
S72	0	S48 (visible near10 (marking or marker or mark))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/02 23:44
S73	3	S48 ((marking or marker or mark))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/04 14:42